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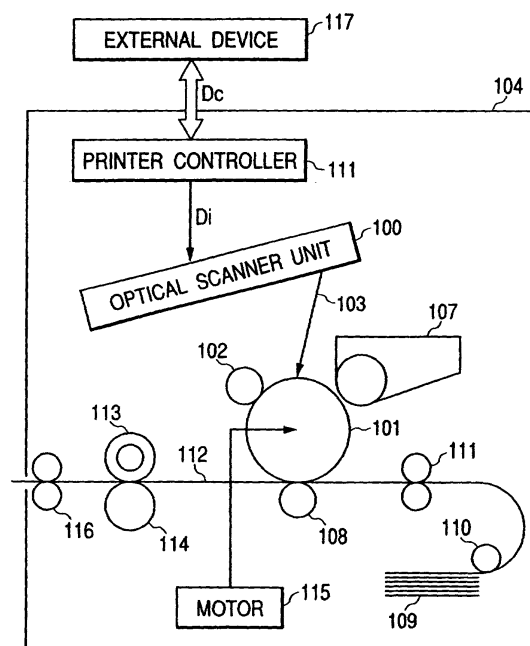
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(54) **Image forming apparatus**

(57) An image forming apparatus comprises a light source such as a semiconductor laser for emitting a light beam modulated according to an image signal, an optical deflector such as a rotary polygon mirror for repeatedly deflecting the light beam, a focusing optical system typically including an f θ lens and a cylindrical mirror for focusing the deflected light beam, a photosensitive member having a surface to be scanned by the focused light beam for forming a latent image thereon and a developing unit for developing the latent image into a toner image. The surface of the photosensitive member has an image forming region and blank regions arranged at the opposite ends of the image forming region in the main scanning direction and the light source is turned on during the period of scanning the blank regions. The output power of the light source is controlled by detecting the intensity of the light beam scanning the blank regions.

FIG. 3





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Application Number
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			H04N G06K G03G
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 1 October 2003	Examiner Moorhouse, D
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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